

CLAIMS

1. A tap for controlling the dispensing of a pressurized fluid, in particular a gas, comprising:

- 5       - a tap body (1) of axis (XX) comprising an internal passage (10) for the fluid, extending between an inlet orifice (8) and an outlet orifice (9),
- a fastening base (12), of axis (XX), threaded at its external periphery and coaxially bearing the
- 10       inlet orifice (8) of the internal passage (10),
- an outlet connector (4) of axis (BB) bearing the outlet orifice (9) of the internal passage (10),
- a manometer (5) of axis (AA) whose pressure take-off is connected to the internal passage (10),
- 15       - a mounting grip (11) situated between the manometer (5) and the fastening base (12),
- a lever (2) pivoting about an axis (YY) perpendicular to the axis (XX) and cooperating with at least one valve (33) arranged on the internal passage
- 20       (10) in such a way as to allow or to prevent the circulation of the fluid in said internal passage (10) from the inlet orifice (8) toward the outlet orifice (9),
- characterized in that the height (H1) between the base of the tightening grip (11) and the axis (AA) of the
- 25       manometer (5) is between 27 and 35 mm, the height (H2) between the base of the tightening grip (11) and the axis (BB) of the connector (4) is between 60 and 75 mm, and the height (H3) between the base of the tightening
- 30       grip (11) and the axis (YY) of the lever (2) is between 50 and 110 mm.

2. The tap as claimed in claim 1, characterized in that the height (H4) between the base of the tightening grip (11) and the top of the body (1) is between 80 and

35       120 mm.

3. The tap as claimed in claim 1 or 2, characterized

in that the height (H1) is around 30 mm, the height (H2) is around 65 mm, the height (H3) is around 95 mm and/or the height (H4) is around 105 mm.

5     4.     The tap as claimed in claims 1 to 3, characterized in that the axis (XX) of the body (1) and the axis (BB) of the connector (4) are perpendicular.

10     5.     The tap as claimed in one of claims 1 to 4, characterized in that the angle (A1) between the plane passing through the axis (AA) of the manometer (5) and through the axis (XX) and the plane passing through the axis (CC) of the lever (2) and through the axis (XX) is between 75° and 105°, preferably around 90°.

15     6.     The tap as claimed in one of claims 1 to 5, characterized in that the angle (A2) between the plane passing through the axis (AA) of the manometer (5) and through the axis (XX) and the plane passing through the axis (BB) of the connector (4) and through the axis (XX) is between 0 and 45°, preferably around 30°.

20     7.     The tap as claimed in one of claims 1 to 6, characterized in that the lever (2) cooperates with a valve (33) via a movable rod (32) acting on the valve (33).

30     8.     The tap as claimed in one of claims 1 to 7, characterized in that the lever (2) pivots about the axis (YY) between at least one rest position in which the valve (33) rests against the seat (34) so as to prevent any exiting of fluid through the connector (4), and an active position in which the valve (33) is spaced apart from the seat (34) so as to allow the fluid to circulate in the internal passage (10) and to exit via the connector (4).

35     9.     The tap as claimed in one of claims 1 to 8, characterized in that the valve (33) is normally pushed

back toward a valve seat (34) through the effect of a spring means (38) when the lever (2) is in its rest position.

- 5 10. A pressurized gas container, in particular a gas bottle, characterized in that it comprises a tap as claimed in one of claims 1 to 9 and a protective cowling surrounding all or part of said tap.